

No. 562 Survey held at Leipmouth Date July 18th 1853
 on the Barque Witch of the Wave Master
 Tonnage 277 Built at Leipmouth When built 1853
 By whom built S. B. Mansfield Owners Hutchings & Co
 Port belonging to Leipmouth Destined Voyage
 If Surveyed Afloat or in Dry Dock In the Yaw

Length aloft 113 3 Feet. Inches. Extreme Breadth 22 3 Feet. Inches. Depth of Hold 15 5 Feet. Inches.

Scantlings of Timber.				Thickness of Plank.			
Timber and Space.....	each	Inches.	Inches Middle Ends	Outside.	Inches.	Inside.	Inches.
Floors.....	sided	<u>11</u>	Moulded <u>13</u> <u>11</u>	Keel to Bilge	<u>3 1/4</u>	Foot Waling	<u>3 1/2</u>
1 st Foothooks.....	"	<u>9 1/2</u>	" <u>9 1/2</u> <u>9</u>	Bilge Planks	<u>6</u>	Bilge Planks	<u>4 1/2</u>
2 nd Ditto.....	"	<u>8 1/2</u>	" <u>8 1/2</u> <u>8</u>	Bilge to Wales.....	<u>3 1/2</u>	Ceiling in Flat	<u>3</u>
3 rd Ditto.....	"	<u>7 1/4</u>	" <u>7 1/2</u> <u>5</u>	Wales	<u>5</u>	Ditto Bilge to Clamp	<u>3</u>
Top Timbers	"	<u>9</u>	" <u>9</u> <u>7 1/2</u>	Topsides	<u>2 5/8</u>	Hold Beam Clamps	<u>3 1/2</u>
Deck BeamsN ^o . of <u>24</u>	"	<u>11</u>	" <u>11</u> <u>9 1/2</u>	Sheer Strakes	<u>3 1/2</u>	Deck Beam Ditto.....	<u>3 1/2</u>
Hold BeamsN ^o . of <u>10</u>	"	<u>11 1/2</u>	" <u>11 1/2</u> <u>11</u>	Plank Sheers.....	<u>3 1/2</u>	Ceiling 'twixt Decks	<u>2 1/2</u>
Keel	"	<u>13</u>	" <u>13</u> <u>11</u>	Water-Ways.....	<u>6</u>	Hold Beam Shelves	<u>4 1/2</u> <u>9</u>
Kelsons	"	<u>13</u>	" <u>13</u> <u>11</u>	Upper Deck	<u>3</u>	Deck Beam Ditto.....	<u>4 1/2</u> <u>9</u>

Copper.		Size of Bolts in Fastenings.		Iron.	
	Inches.		Inches.		Inches.
Heel-Knee, and Dead Wood abaft	<u>1 1/2</u>	Bolts thro' the Bilge and Foot Waling	<u>3/4</u>	Hold Beam	<u>1 1/2</u>
Scarpns of Keel.....N ^o . <u>2</u>	<u>1 1/2</u>	Butt End Bolts	<u>3/4</u>	Deck Beam	<u>7/8</u>
Floor Timber Bolts	<u>1 1/2</u>	Lower Pintle of the Rudder	<u>3</u>		
Kelson ditto	<u>1 1/2</u>				
Transoms and throats of Hooks	<u>1 1/2</u>				
Arms of Hooks	<u>7/8</u>			same in Iron above the Copper.....	<u>1 1/2</u> <u>7/8</u>

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is Two Inches. The Space between the Top-timbers is 3 1/2 Inches. The Stem, Stern Post, are composed of English Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, of English Oak and are free from all defects.

The Floors and first Foothooks are composed of English Oak Timber.
 The other Foothooks and Top Timbers of Ditto Do
 The Shifts of the first and second Foothooks are not less than Four feet six N. B. When less than prescribed by the Rule, state how many.
 The rest of the Shifts of the Frame are Four feet six
 The Frame is all squared from the first Foothook Heads upwards, and all free from sap, and from thence downwards, the frame is the same

The ~~alternate~~ Frames are all bolted together. N. B. If not, state how bolted.
 The Butts of the Timbers are all close together; their thickness not less than truth of the entire moulding at that place.
 The Frame is all choaked with a Butt at each end of the chock.
 The Main Kelson is composed of English Oak and the False Kelson of English Oak
 The Scarpns of the Kelsons are not less than six feet inches.
 The Deck and Hold Beams are composed of English Oak

Planking Outside.—From the Keel to the first Foothook Heads the Plank is composed of English Elm
 From the first Foothook Heads to the Light Water Mark of English Oak
 From the Light Water Mark to the Wales of Ditto Do
 The Wales and Black-strakes are of English Oak The Topsides of English Oak
 The Sheer-strakes and Plank-sheers of Ditto Do The Water-ways of Ditto Do
 The Decks of Quebec Yellow Pine State of first quality
 The Shifts of the Planking are not less than 5 Feet inches. N. B. If less than prescribed by the Rule, state whether general or partial, and if partial, in what part of the Ship. The Planking is wrought Three between

Planking Inside.—The Limber-strakes are composed of English Oak the Bilge Planks of English Oak
 The Ceiling, Lower Hold, of American White Oak Between Decks of English Oak
 Shelf Pieces of English Oak Clamps of Ditto - Ditto

Fastenings.—To Hold Beams Iron Staple & Hanging Knees
 Deck Beams Do Do Do Do
 Number of Breasthooks Five Pointers Two Iron Crutches Three Iron
 Butts End Bolts are of Metale in the Bottom, and one Bolt in each Butt End through and clenched.
 Bilge and Footwaling Metale bolted through and clenched.
 General Quality of Workmanship Very Good

We certify that the preceding is a correct description of the above-named Vessel,

Builder's Name

Surveyor's Name

John B Mansfield
Sam Locking

Her Masts, Yards, &c. are in _____ condition, and sufficient in size and length.

She has SAILS.			CABLES, &c.		ANCHORS, and their weights.		
N ^o .		Fathoms.		Inches.	N ^o .		
2	Fore Sails,	190	Chain	1 1/4	3	Bower,	14.3.0 14.2.12 14.1.0
1	Fore Top Sails,	75	do Stream	1 3/4	1	Stream,	4.2.0
2	Fore Topmast Stay Sails,	75	Hempen Stream Cable	1	2	Kedges,	1.1.10 - 1.0.2
1	Main Sails,	75	Hawser	5			
2	Main Top Sails,	75	Towlines	8			
	and 3 Lbs 2 Spencers Main		Warp	4			
	stay said. Shidings out complete		All of <u>first</u> quality.				

Her Standing and Running Rigging best Hemp sufficient in size and good in quality.

She has one Long Boat and one Jolly Boat & Gij

The present state of the Windlass is Patent Capstan and Rudder properly fitted

General Remarks—Statement and Date of Repairs.

She has a raised Quarter Deck 36 feet long by 2.9
With eight Hanging Knees to upper Deck Beams
and four Pair Iron Knees to the Hold Beams
According to Rule I consider her well
qualified for the Character recommended
below viz. A 1 - 10 years —

If Sheathed, Doubled, Felted, or Coppered Mintz Metals When last done July 1853

I am of opinion this Vessel should be Classed A 1 - 10 years

The Amount of the Fee.....£ 3 : " : " is received by me,

Three Survey Special£ 6 : 6 : "

Certificate 10 "

Committee's Minute 22nd July 1853

Character assigned A 1 - 10 years



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